INTERNATIONAL SEARCH REPORT

International application No. PCT/CA2004/001794

A. CLASSIFICATION OF SUBJECT MATTER C12N 7/01; A61K 48/00; C12N 15/861; C12N 5/10

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched C12N 7/01; A61K 48/00; C12N 15/861; C12N 5/10

Electronic data base consulted during the international search (name of data base, and, where practicable, search terms used)

NCBI, QWEB, ESP@CENET, Medline, NTIS, USPTO, Canadian Patent Database, CAplus, Biosis, Terms: Adenovirus, tropism, peptide, E-coil, K-coil

C.	DOCUMENTS	CONSIDERED	TO BE RELEVANT
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Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
х	BARNETT, B.G., et. al. "Targeted adenoviral vectors", BIOCHIMICA ET BIOPHYSICA ACTA, ELSEVIER, AMSTERDAM, NL. 3 May 2002 (3.05.2002) vol. 1575, no. (1-3), pages 1-14 PMID 12020813 In particular see pages 7-9	1-9, 12, 13, 16-22, 25-33
x	KRASNKH, V., ct. al. "Genetic Targeting of an Adenovirus Vector via Replacement of the Fiber Protein with the Phage T4 Fibritin" JOURNAL OF VIROLOGY, AMERICAN SOCIETY FOR MICROBIOLOGY, May 2001, vol. 75 pages 4176-4183	1-9, 12, 13, 16-22, 25-33
x	EINFELD, D.A., et. al. "Construction of a pseudoreceptor that mediates transduction by adenoviruses expressing a ligand in fiber or penton base" JOURNAL OF VIROLOGY, AMERICAN SOCIETY FOR MICROBIOLOGY, November 1999, vol. 73, no. 11, pages 9130-9136 PMID 10516019	1-9, 12, 13, 16-22, 25-33
x	NICLIN, S.T., et. al. "Ablating Adenovirus Type 5 Fiber-CAR Binding HI Loop Insertion of the SIGYPLP Peptide Generate an Endothelial Cell-Selective Adenovirus" MOLECULAR THERAPY, THE AMERICAN SOCIETY OF GENE THERAPY, December 2001, vol. 4, no. 6, pages 534-542 PMID 11735337	1-9, 12, 13, 16-22, 25-33
A	CA 2,234,073 A1 (HOUSTON, M.E. Jr., et. al.; Pence Inc.) 10 April 1997 (10.04.1997)	1-33
	CA 2,190,494 A1 (HODGES, R.S., et. al.; Pence Inc.) 23 November 1995 (23.11.1995)	1,-33

Further documents are listed in the continuation of Box C.	Patent family members are listed in annex.	
* Special categories of cited documents: "T" "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art document member of the same patent family	
Date of the actual completion of the international search 24 December 2004 (24-12-2004)	Date of mailing of the international search report 24 February 2005 (24-02-2005)	
Name and mailing address of the ISA/ Commissioner of Patents	Authorized officer Nancy L. Trus (819) 953-3355	

Form PCT/ISA/210 (second sheet) (January 2004)

Commissioner of Patents Canadian Patent Office - PCT Ottawa/Gatineau K1A 0C9 Facsimile No. 1-819-953-9538

INTERNATIONAL SEARCH REPORT Information on patent family members

International application No. PCT/CA2004/001794

Patent Document	Publication	Patent Family	Publication
Cited in Search Report	Date	Member(s)	Date
CA2234073 A1	10-04-1997	AU695679 B2	20-08-1998
0, 2220 1070 7 1.		AU7258496 A	28-04-1997
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CA2190494 A1	23-11-1995	AT196297T T	15-09-2000
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		WO9534575 A1	21-12-1995
		WO9621756 A1	18-07-1996
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File 065 (04)

International Depositary Authority of Canada National Microbiology Laboratory, Health Canada

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International Form IDAC/BP/9

Statement of Viability 1/1

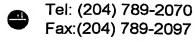
STATEMENT OF VIABILITY

(Issued pursuant to Rule 10.2 of the Budapest Treaty Regulations)

Party to whom the viability Statement is issued
Name: Christian Cawthorn
Address: 1981, avenue McGill College, Bureau 1600, Montreal, PQ, Canada H3A 2Y3
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Depositor
Name: NRC
Address: Biotechnology Research Institute, 6100 Av Royalmount, Montreal, Quebec H4P 2R2
Identification of the Deposit
ideimucănou oi me pebosit
Accession Number given by the International Depository Authority:211004-01
Date of the original deposit (or most recent relevant date): October 21, 2004
Viability Test
Viability of the deposit identified above was tested on (most recent date):Nov. 26, 2004
On the date indicated above, the culture was:
viable viable
□ no longer viable
Conditions under which the Viability Test were performed (to be filled in if the information has been requested and the results of the test were negative):
Signature of person(s) authorized to represent IDAC
Date: November 26, 2004

File 065 (04)

International Depositary Authority of Canada National Microbiology Laboratory, Health Canada 1015 Arlington Street Winnipeg, Manitoba Canada R3E 3R2



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Statement of Viability 1/1

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Depositor
Name: NRC
Address: Biotechnology Research Institute, 6100 Av Royalmount, Montreal, Quebec H4P 2R2
Identification of the Deposit
Accession Number given by the International Depository Authority:211004-02
Date of the original deposit (or most recent relevant date): October 21, 2004
Viability Test
Viability of the deposit identified above was tested on (most recent date):Nov. 26, 2004
On the date indicated above, the culture was:
viable viable
□ no longer viable
Conditions under which the Viability Test were performed (to be filled in if the information has been requested and the results of the test were negative):
Signature of person(s) authorized to represent IDAC
Date: November 26, 2004

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Name: Christian Cawthorn
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Depositor
Name: NRC
Address: Biotechnology Research Institute, 6100 Av Royalmount, Montreal, Quebec H4P 2R2
Identification of the Deposit
Accession Number given by the International Depository Authority:211004-03
Date of the original deposit (or most recent relevant date): October 21, 2004
Viability Test
Viability of the deposit identified above was tested on (most recent date):Nov. 26, 2004
On the date indicated above, the culture was:
viable
□ no longer viable
Conditions under which the Viability Test were performed (to be filled in if the information has been requested and the results of the test were negative);
Signature of perecin(s) authorized to represent IDAC
Date: November 26, 2004

Statement of Viability 1/1